

CLAIMS

What is claimed is:

1. An adjustment device for adjusting a control element of a flap valve in heating, ventilating and air-conditioning systems, comprising:
a drive motor;
a drive train in driving relationship with the drive motor, said drive train having an output member which is connected to a control element to be adjusted; and
a recorder for recognizing and/or adjusting a position of the control element and/or a component of the drive train, said recorder having a control member which is directly connected in form-fitting engagement with the output member of the drive train.
2. The adjustment device of claim 1, wherein the form-fitting engagement is realized through bores and a stem.
3. The adjustment device of claim 1, wherein the output member has at least one bore, and the control member of the recorder has a stem for engagement into the bore.
4. The adjustment device of claim 1, wherein the recorder is a potentiometer of ring-shaped or segment-shaped configuration.

5. The adjustment device of claim 1, and further comprising a hollow shaft fitted in the output member in a form-fitting and/or force-locking manner, wherein the hollow shaft and the control member have complementary internal profiling.
6. The adjustment device of claim 5, wherein the recorder is arranged directly adjacent to the output member and at least partially surrounds the hollow shaft.
7. The adjustment device of claim 6, wherein the recorder completely surrounds the hollow shaft.
8. The adjustment device of claim 5, wherein the output member of the drive train is formed as a tooth segment in which the hollow shaft is fitted.